

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Per BENGTTSSON, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: PROCESS FOR OBTAINING A FLEXIBLE /ADAPTIVE THERMAL BARRIER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the attached French Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

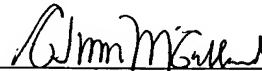
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
251926US41SERIAL NO.
New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Per BENGTTSSON, et al.FILING DATE
Herewith

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|----------|------------------------------|-------|--------------|-------------------------------|
| | AA | 5,897,921 | 04/27/99 | Marcus Preston BOROM, et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
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| | AM | | | | | | |
| | AN | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|------------|---------|-------------|----|
| | | | | | YES | NO |
| | AO | 1 295 964 | 03/26/2003 | EUROPE | | |
| | AP | 0 897 020 | 02/17/99 | EUROPE | | |
| | AQ | 0 765 951 | 04/02/97 | EUROPE | | |
| | AR | | | | | |
| | AS | | | | | |
| | AT | | | | | |
| | AU | | | | | |
| | AV | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|----|--|
| | AW | |
| | AX | |
| | AY | |
| | AZ | <input type="checkbox"/> Additional References sheet(s) attached |

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Translation of Category of Cited Documents in the attached foreign language Search Report:

- X: particularly relevant if taken alone
 - Y: particularly relevant if combined with another document of the same category
 - A: relevant to at least one claim or as technological background
 - O: non-written disclosure
 - P: intermediate document
 - T: theory or principle underlying the invention
 - E: document entitled to a date prior to the filing date but which was not published until the filing date or a later date
 - D: document cited in the application
 - L: document cited for other reasons
-
- &: member of the same patent family, corresponding document

RAPPORT DE RECHERCHE PRÉLIMINAIRE

établi sur la base des dernières revendications
déposées avant le commencement de la recherche

**N° d'enregistrement
national**

FA 633241
FR 0305086

| DOCUMENTS CONSIDÉRÉS COMME PERTINENTS | | Revendication(s) concernée(s) | Classement attribué à l'invention par l'INPI |
|--|---|---|--|
| Catégorie | Citation du document avec indication, en cas de besoin, des parties pertinentes | | |
| X | EP 1 295 964 A (SIEMENS WESTINGHOUSE POWER) 26 mars 2003 (2003-03-26) | 1-5 | C23C4/12 C04B35/505 C04B35/488 F01D5/28 |
| Y | * colonne 5, alinéa 16 * * colonne 6, alinéas 18,19 * --- | 6 | |
| A | US 5 897 921 A (GRAY DENNIS MICHAEL ET AL) 27 avril 1999 (1999-04-27) | 1-5 | |
| Y | * colonne 7, ligne 54 - colonne 8, ligne 16 * * colonne 9, ligne 22-45; figure 6 * --- | 6 | |
| A | EP 0 897 020 A (PYROGENESIS INC) 17 février 1999 (1999-02-17) * colonne 6, alinéa 23 * * colonne 10-11, alinéa 42 * --- | 1 | |
| A | EP 0 765 951 A (UNITED TECHNOLOGIES CORP) 2 avril 1997 (1997-04-02) * page 4, ligne 37 - page 5, ligne 33 * * page 6, ligne 30-55 * ----- | 1 | DOMAINES TECHNIQUES RECHERCHÉS (Int.CL.7) |
| | | | C23C F01D |
| Date d'achèvement de la recherche | | Examineur | |
| 13 novembre 2003 | | Joffreau, P-0 | |
| CATÉGORIE DES DOCUMENTS CITÉS | | | |
| X : particulièrement pertinent à lui seul Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : arrière-plan technologique O : divulgation non-écrite P : document intercalaire | | T : théorie ou principe à la base de l'invention E : document de brevet bénéficiant d'une date antérieure à la date de dépôt et qui n'a été publié qu'à cette date de dépôt ou qu'à une date postérieure. D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant | |

**ANNEXE AU RAPPORT DE RECHERCHE PRÉLIMINAIRE
RELATIF A LA DEMANDE DE BREVET FRANÇAIS NO. FR 0305086 FA 633241**

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche préliminaire visé ci-dessus.
Les dits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du 13-11-2003
Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets, ni de l'Administration française

| Document brevet cité au rapport de recherche | Date de publication | Membre(s) de la famille de brevet(s) | Date de publication |
|---|------------------------|---|------------------------|
| EP 1295964 A | 26-03-2003 | EP 1295964 A2 | 26-03-2003 |
| US 5897921 A | 27-04-1999 | US 5989343 A | 23-11-1999 |
| EP 0897020 A | 17-02-1999 | CA 2211961 C | 27-02-2001 |
| | | DE 69818769 D1 | 13-11-2003 |
| | | EP 0897020 A1 | 17-02-1999 |
| | | US 6087023 A | 11-07-2000 |
| | | US 6296723 B1 | 02-10-2001 |
| EP 0765951 A | 02-04-1997 | US 6102656 A | 15-08-2000 |
| | | DE 69611138 D1 | 11-01-2001 |
| | | DE 69611138 T2 | 19-07-2001 |
| | | EP 0765951 A2 | 02-04-1997 |
| | | ES 2153941 T3 | 16-03-2001 |
| | | JP 9133006 A | 20-05-1997 |
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| | | US 5780171 A | 14-07-1998 |